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TI Thixotropic aqueous emulsion compositions and their manufacture
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SO Jpn. Kokai Tokkyo Koho, 10 pp.

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DT Patent

LA Japanese

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CC 42-10 (Coatings, Inks, and Related Products)

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CLASS

PATENT NO.	CLASS	PATENT FAMILY CLASSIFICATION CODES
JP 10095922	ICM	C08L101-00
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AB The title compns., forming rapidly drying and tough films with reduced amt. of thickeners, useful for coatings, adhesives, and filling materials, contain powd. or granular fillers and fine fibers with av. diam. 0.01-5 .mu.m, av. length 5-3000 .mu.m, sp. surface area 50-300 m2/g, and aspect ratio 250-15,000 and are manufd. by blending aq. emulsions, the fillers, and the fibers. Thus, a coating prepd. from ethylene-Veova 10-vinyl acetate copolymer emulsion 100, a 10% **cellulose fiber** slurry (Celish FD 100G; av. diam. 0.1 .mu.m, av. length 500 .mu.m, sp. surface area 200 m2/g, av. aspect ratio 5000) 5, hydroxyethyl cellulose 0.3, nonionic **surfactant** 2, polycarboxylic acid dispersant 2, 25% aq. ammonia 1, HOCH2CH2OH 7, di-Bu phthalate 5, antifoamer 0.5, fungicide 0.5, clay 30, CaCO3 50, TiO2 30, white marble (av. diam. 2-3 mm) 360, and H2O 60 parts was sprayed on a primer-coated cement slate plate, showing loss by splash 8% and no sagging.

ST thixotropic coating **cellulose fiber** blend; slate
coating thixotropic fiber blend; vinyl acetate copolymer emulsion
thixotropic coating

IT Tiles